

Short CV Dr. Hauke Ward (né Schult)

Professional Experience

Since December 2012 Researcher at the Mercator Research Institute on Global Commons and Climate Change, Berlin

Education

- 2005 Abitur - Gymnasium Lüchow, Lüchow, Germany (A-level equivalent)
- 2010 Bachelor of Science in mathematics, minor: economics, Georg-August-University Göttingen
- 2012 Master of Science in mathematics, minor: economics, Georg-August-University Göttingen
- 2017 PhD in economics at Technical University Berlin

Conferences

- July-August 2011 Penn State-Göttingen International Summer School on Dynamical Systems, Göttingen, Germany
- June 2013 NetSci, Copenhagen, Denmark
- July 2014 22nd International Input-Output Conference, Lisbon, Portugal
- June 2015 21st EAERE annual conference, 2015, Helsinki, Finland
- June 2016 7th Atlantic Workshop on Energy and Environmental Economics, A Toxa, Spain
- July 2016 24th International Input-Output Conference, Seoul, South Korea
- June 2018 8th Atlantic Workshop on Energy and Environmental Economics, A Toxa, Spain

Project Experiences

- 2007-2009 Student assistant (build up, support), Courant-Research-Centre at the mathematical faculty Göttingen
- 2009 Pilotprojekt Interdisziplinäres Lernen und Zusammenarbeit (PILZ) Bahn, Bus, PKW: Potentialorientierte Analyse öffentlicher Nahverkehrsplanung
- 2012-2016 Member of the DFG CRC 1026 'Sustainable Manufacturing'
- 2017-ongoing 'Pathways and Entry Points to limit global warming to 1.5°C' funded by the German Federal Ministry of Education and Research (BMBF)

Languages

- German mother tongue
- English fluent
- French basic

IT skills

Programming Languages Matlab, C, Python, R
Further IT-Skills MS Office, SAS, GAMS

Publications

Peer-reviewed

Ward, H., A. Radebach, I. Vierhaus, A. Fügenschuh, J.C. Steckel (2017): Reducing global CO2 emissions with the technologies we have. *Resource and Energy Economics*, 49, 201-217

Ward, H., Wenz, L., Steckel, J.C. and J.C. Minx: Truncation Error Estimates in Process Life Cycle Assessment Using Input-Output Analysis, Journal of Industrial Ecology, 2017

Ward, H., Burger, M., Chang, Y. J., Fürstmann, P., Neugebauer, S., Radebach, A., ... J.C. Steckel (2017): Assessing carbon dioxide emission reduction potentials of improved manufacturing processes using multiregional input output frameworks. *Journal of Cleaner Production*, 163, 154-165

Forin, S., Radebach, A., Steckel, J.C., H. Ward (2018): The effect of industry delocalization on global energy use: A global sectoral perspective. *Energy Economics*, 70, 233-243

Other

Radebach, A., J.C. Steckel, H. Ward: Patterns of Sectoral Structural Change – Empirical Evidence from Similarity Networks, SSRN Working Paper 2771653, 2016

Binkhoff, H., B. Rohrbeck, R. Kaiser, T.M. Lohse, H. Schult, S. Wongsak, Potentialorientierte Analyse öffentlicher Nahverkehrsplanung, in: M. Krüsemann, M. Schachtebeck, A. Schöbel., Bahn, Bus, PKW – Optimierung in der Verkehrsplanung, Shaker Verlag, 2010

Dissertation

The role of efficient technology for achieving climate change mitigation and development, TU Berlin, 2017, Supervisors: Prof. Dr. Ottmar Edenhofer, Prof. Dr. Jan C. Minx

Reviewing activities

Energy Economics, Ecological Economics, Environmental Economics and Policy Studies, Journal of Cleaner Production, Economic Modelling